Mitchell R. Feigenbaum

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**EDUCATION**

**James Madison University Harrisonburg, VA**

*Bachelor of Science in Computer Science* Expected 2027

* **GPA:** Cumulative: 3.7 (63 Semester Hours)
* **Relevant Coursework:** Logic & Control Flow, CPU Architecture, Data Structures & Algorithms, Software Development

**WORK EXPERIENCE**

**Pozez JCC of Northern Virginia Fairfax, VA**

*Sports Specialist* June 2024 – August 2024

* Responsible for camp safety, deploying equipment, and maintaining a fun and inclusive atmosphere.
* Created detailed lesson plans which were presented to and approved by a supervisor.
* Led sports activities and games with campers in kindergarten through fifth grade.

**Boy Scouts of America Springfield, VA**

*Sales Associate* August 2022 – August 2023

* Used intimate knowledge of the scouting program and camping to sell, market, and present products.
* Recognized as a consistent nationwide top seller in terms of revenue earned per month.
* Worked with Mi9 Mosaic point of sale systems, sensitive payment, and secured data.

**LEADERSHIP EXPERIENCE**

**Troop 1346 Burke, VA**

*Eagle Scout, Troop Guide, Senior Patrol Leader* March 2016 – June 2022

* Led an Eagle Project which entailed managing over 30 volunteers refurbishing a school concession stand.
* Acted as the official public representative of the troop in the role of senior patrol leader for six months.
* Worked hundreds of hours of community service in conservation and community outreach.

**Unix User Group Harrisonburg, VA**

*Secretary* August 2024 – Present

* Led recruiting, community outreach, and organizational communication for the club.
* Managed a mailing list and online messaging chat with over 100 active users.
* Taught people of a ranging skill set how to install and use a Unix-like system.

**PROJECTS**

**Proguide** [**github.com/mrf-dot/proguide**](https://github.com/mrf-dot/proguide)

*60 page programming guide made in Roff document format language* April 2022 – Present

* Open-source book that goes over the basics of programming at a beginner level.
* Explains constructs such as control flow and gives a brief overview of major programming languages.
* Compiled using the GNU document formatting tool Groff and edited with the VI command line editor.

**YT** [**github.com/mrf-dot/yt**](https://github.com/mrf-dot/yt)

*YouTube command line interface made in PowerShell* March 2022 – December 2023

* PowerShell script that allows a user to watch and download YouTube videos over the command line.
* User interface built around the YouTube application programming interface and youtube-dl.
* Features include playing a video from cache, downloading a video or audio file, and downloading playlists.

**Blackjack** [**github.com/mrf-dot/blackjack**](https://github.com/mrf-dot/blackjack)

*Multi-call card/blackjack program written in C* September 2023 – April 2024

* Command line program that performs various functions on a virtual deck such as picking a random card and shuffling.
* The program uses its own randomness library based on the Xorshift algorithm that is linked at compile time.
* Dynamically colored and formatted cards are displayed to the client using ANSI color codes.

**CERTIFICATIONS**

Microsoft Technology Associate 98-381 Certificate (Python) 2022

Microsoft Technology Associate 98-388 Certificate (Java) 2022

**SKILLS**

**Programming Languages:** HTML/CSS/JS, Python, Java, C, PowerShell, Shell Script (SH/BASH/ZSH)

**Microsoft Office:** Word, Excel, PowerPoint, Access, Outlook

**Operating Systems:** Microsoft Windows, Linux

**Version Control/Collaboration:** Git, GitHub, GitLab, Scrum